

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors : Richard J. Kamm and John L. Jorstad
Serial No. :
Filed :
Title : **SEMI-SOLID MOLDING METHOD**
Group Art Unit :
Docket : 7777-C1

Mail Stop Patent Application
Commissioner for Patents
PO Box 1450
Alexandria VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

In accordance with the provisions of 37 C.F.R. §1.56 and §1.97, Applicants enclose a copy of Form PTO/SB/08A identifying 16 references including the 14 references cited during prosecution of Applicant's parent application Serial No. 10/066,527, filed January 31, 2002 and 2 new references, all of which should also be considered as references in the above application. Applicants are enclosing copies of the 2 new references which are discussed in Applicants' Preliminary Amendment filed herewith.

Respectfully submitted,

JACOX, MECKSTROTH & JENKINS



Alan F. Meckstroth
Reg. No. 22,607

AFM:js/pm
October 22, 2003
Dayton, Ohio 45419-1575
937/298-2811
Enclosure

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Patent Application, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450, on

Nov. 3, 2003

Alan F. Meckstroth - Reg. No. 22,607

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | |
|---|------------------------|--------------------------|-----------------|
| Substitute for form 1449/PTO | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) | | Application Number | |
| | | Filing Date | |
| | | First Named Inventor | Richard J. Kamm |
| | | Art Unit | |
| | | Examiner Name | |
| Sheet 1 of 2 | Attorney Docket Number | 7777-C1 | |

| U. S. PATENT DOCUMENTS | | | | | |
|------------------------|-----------------------|---|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Document Number Number-Kind Code ² (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | US- 3,954,455 | 05/1976 | Flemings et al | |
| | | US- 4,434,837 | 03/1984 | Winter et al | |
| | | US- 5,161,601 | 11/1992 | Abis et al | |
| | | US- 5,579,825 | 12/1996 | Shibata et al | |
| | | US- 5,660,223 | 08/1997 | Thieman et al | |
| | | US- 5,701,942 | 12/1997 | Adachi et al | |
| | | US- 5,730,201 | 03/1998 | Rollin et al | |
| | | US- 6,068,043 | 05/2000 | Clark | |
| | | US- 6,165,411 | 12/2000 | Adachi et al | |
| | | US- 6,478,075 | 11/2002 | Shibata et al | |
| | | US- 5,979,534 | 11/1999 | Shibata et al | |
| | | US- | | | |
| | | US- | | | |
| | | US- | | | |
| | | US- | | | |
| | | US- | | | |
| | | US- | | | |
| | | US- | | | |
| | | US- | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|-----------------------|--|--------------------------------|--|---|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | T ⁶ |
| | | WO-99/00203-A1 | 01/1999 | Shibata et al | | |
| | | EP-0 554 808-A1 | 08/1993 | Wan | | |
| | | DE-4232742-A1 | 03/1994 | Glanz | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

| | |
|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

| | | | |
|---|------------------------|---------------------------|-----------------|
| Substitute for form 1449/PTO | | Completer if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) | | Application Number | |
| | | Filing Date | |
| | | First Named Inventor | Richard J. Kamm |
| | | Art Unit | |
| | | Examiner Name | |
| Sheet 2 of 2 | Attorney Docket Number | 7777-C1 | |

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-----------------------|---|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| | | JOHN L. JORSTAD, SCIENCE AND TECHNOLOGY OF SEMI-SOLID METAL PROCESSING, Chapter 4, "Processing of SSM:"Practical Considerations" | |
| | | PROCEEDINGS 5th INTERNATIONAL CONFERENCE ON SEMI-SOLID PROCESSING OF ALLOYS AND COMPOSITES - June 1998 | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

| | | | |
|--------------------|--|-----------------|--|
| Examiner Signature | | Date Considered | |
|--------------------|--|-----------------|--|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.